

FORM PTO-1449		ATTY. DOCKET NO. TAN-2-1408.01.US	SERIAL NO. 10/767,843
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Proctor et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE January 29, 2004	GROUP 2462
(Use several sheets if necessary)			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,460,992	07/17/1984	Gutleber			
		5,101,501	03/31/1992	Gilhousen et al.			
		5,103,459	04/07/1992	Gilhousen et al.			
		5,404,376	04/1995	Dent			
		5,414,728	05/09/1995	Zehavi <sup>2</sup>			
		5,416,797	05/16/1995	Gilhousen et al.			
		5,617,410	04/1997	Matsumoto <sup>3</sup>			
		5,870,427	02/199	Tiedemann et al.			
		5,930,244	07/1999	Ariyoshi et al. <sup>4</sup>			
		5,937,019	08/10/1999	Padovani			
		5,983,113	11/1999	Asanuma <sup>5</sup>			
		6,044,074	03/28/2000	Zehavi et al.			
		6,091,760	07/18/2000	Giallorenzi et al.			
		6,094,421	07/2000	Scott			
		6,097,715	08/2000	Ichihara			
		6,144,651	11/2000	Rinchiuso et al.			
		6,240,292	05/29/2001	Haberman et al.			
		6,249,517	06/19/2001	Roh et al. <sup>1</sup>			
		6,266,363	07/24/2001	Hiramatsu			
		6,324,160	11/2001	Martin et al.			
		6,324,401	11/2001	De Hoz Garcia-Bellido et al. <sup>6</sup>			
		6,332,008	12/2001	Giallorenzi et al.			
		6,377,814	04/2002	Bender			
		6,438,377	08/2002	Savolainen			
		6,456,612	09/24/2001	Kim et al.			
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. TAN-2-1408.01.US	SERIAL NO. 10/767,843
		APPLICANT Proctor et al.	
		FILING DATE January 29, 2004	GROUP 2462

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,463,074	10/2002	Johnson et al.			
		6,470,001	10/22/2002	Kim et al.			
		6,563,808	05/13/2003	Cox et al.			
		6,590,889	07/08/2003	Preuss et al.			
		6,665,287	12/2003	Katsura et al.			
		6,747,963	06/2004	Park et al.			
		6,917,581	07/2005	Proctor, Jr. et al. <sup>7</sup>			
		7,006,428	02/28/2006	Proctor et al.			
		7,116,646	10/2006	Gustafson et al.			
		7,272,163	09/2007	Hao et al.			
		2002/0071384	06/13/2002	Hall et al.			
		2002/009068	01/24/2004	Proctor et al.			
*		2003/0002460	01/2003	English			
		2003/0128658	07/2003	Walton et al.			
		2003/0214932	11/2003	Ariyoshi et al.			
		2004/0151141	08/2004	Proctor et al.			
*		2004/0203991	10/2004	Chen et al.			
		2004/0257975	12/2004	Proctor			
		2005/0054366	03/2005	Chen et al.			
		2005/0220051	10/2005	Lavean			
		2006/0140157	06/2006	Proctor et al.			
		2007/00776583	04/2007	Hadad			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		10-028077	01/1998	JP			X**	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. TAN-2-1408.01.US	SERIAL NO. 10/767,843
		APPLICANT Proctor et al.	
		FILING DATE January 29, 2004	GROUP 2462

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2000-278759	10/2000	JP			X**	
		2000-286784	10/2000	JP			X**	
		2001-016159	01/2001	JP			X**	
		99/01994	01/1994	WO				
		02/009320	01/2002	WO				
		04/046893	06/2004	WO				

## OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		Nee Van R D J: "Timing Aspects of Synchronous CDMA" IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, 1994, pages 439-443, XP000619815, * page 439 – page 440**.
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Medium Access Control (MAC) protocol specification (Release 1999)," 3GPP TS 25.321 V3.16.0 (September 2003).
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Medium Access Control (MAC) protocol specification (Release 4)," 3GPP TS 25.321 V4.9.0 (September 2003).
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Medium Access Control (MAC) protocol specification (Release 5)," 3GPP TS 25.321 V5.7.0 (December 2003).
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Medium Access Control (MAC) protocol specification (Release 6)," 3GPP TS 25.321 V6.0.0 (December 2003).
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 1999)," 3GPP TS 25.211 V3.12.0 (September 2002).
*	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 4)," 3GPP TS 25.211 V4.6.0 (September 2002).

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. TAN-2-1408.01.US	SERIAL NO. 10/767,843
		APPLICANT Proctor et al.	
		FILING DATE January 29, 2004	GROUP 2462

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 5)," 3GPP TS 25.211 V5.5.0 (September 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 6)," 3GPP TS 25.211 V6.0.0 (December 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 1999)," 3GPP TS 25.213 V3.9.0 (December 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 4)," 3G TS 25.213 V4.4.0 (December 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 5)," 3GPP TS 25.213 V5.5.0 (December 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 6)," 3GPP TS 25.213 V6.0.0 (December 2003).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Packet Data Convergence Protocol (PDCP) Specification (Release 4)," 3GPP TS 25.323 V4.6.0 (September 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Packet Data Convergence Protocol (PDCP) Specification (Release 1999)," 3GPP TS 25.323 V3.10.0 (September 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Packet Data Convergence Protocol (PDCP) Specification (Release 5)," 3GPP TS 25.323 V5.2.0 (September 2002).
	*	THIRD GENERATION PARTNERSHIP PROJECT, "Technical Specification Group Radio Access Network; Packet Data Convergence Protocol (PDCP) Specification (Release 6)," 3GPP TS 25.323 V6.0.0 (December 2003).

X\*\* English abstract provided.

<sup>1</sup>Corresponds to KR 1998-073318; <sup>2</sup>Corresponds to KR 0254249; <sup>3</sup>Corresponds to JP 07-254867; <sup>4</sup>Corresponds to JP 10-022874;

<sup>5</sup>Corresponds to JP 10-013918; <sup>6</sup>Corresponds to JP 2000-350248; <sup>7</sup>Corresponds to JP 2004-536512.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.